					ATTY. DOCKET NO. 6561/53799.		ERIAL NO. LO/802,3	66
INFO	ORMA	TION DISCLOS	URE STAT	EMENT	APPLICANT Dietrich, et al.	,,	<u>-,</u>	
		(Use several sheets if	necessary)	•	FILING DATE 3/16/2004		GROUP	
		OIRE			ART UNIT: 2688	Ε	XAMINER NAME	: S. Rampuria
FORM - 144	10						SHEET 1	
· OKW - 144		3 MAR J 3 2008	2				_ 5///22/ 1, \	<u> </u>
		A Promove		U.S. PATENT	F DOCUMENTS			
*EXAMINE	ı	DOCUMENT NUMBER	DATE		NAME	CLASS	SUB-CLASS	FILING DATE
N		5,564,079	Oct. 8, 1996	Olsson				
1		6,134,448		Shoji et	al.			
		6,112,095	Aug. 29, 2000	Wax et a	1			
		6,115,605	Sep. 5,	Siccardo	et al.	-		
		6,140,964	Oct. 31,		et al.			
		6,198,935 B1	Mar. 6, 2001	Saha et				
		6,212,391 B1	Apr. 3, 2001	Saleh et	al:			
		6,269,246 B1	Jul. 31,	Rao et a	1.	•	-	
		6,275,190 B1	Aug. 14, 2001	Sugiura	et al.			
		6,282,427 B1	Aug. 28, 2001	Larsson	et al.	-	1	
		6,304,218 B1	Oct. 16, 2001	Sugiura	et al.			
		6,415,155 B1	Jul. 2, 2002	Koshima	et al.		<u> </u>	
		6,249,252 B1	Jun. 19, 2001	Dupray		-		
		6,414,634 B1	Jul. 2,2002	Tekinay			-	
		6,441,777 B1	Aug. 27, 2002	McDonald		-		
		6,526,283 Bl	Feb. 25, 2003	Jang		_		
		6,556,942 B1	Apr. 29, 2003	Smiths				
		6,272,541 B1	Aug. 7, 2001	Cromer e	t al.		+	
		6,664,925 B1	Dec. 16, 2003	Moore ét	al.		‡	·
		2005/0136944 A1	Jun. 23, 2005	Misikanga	as et al.		 	
EXAMINER		MA	M		DATE CONSIDERED	-29-06		

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) ATTY. DOCKET NO. 6561/53799 APPLICANT Dietrich, et al. FILING DATE 3/16/2004 ART UNIT: 2688 EXAMINER NAME: S. Rampuna

al.FORM - 1449	SHEET 2	F 7	1.

			U.S. PATENT DOCUMENTS			
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
M	2005/0131635 A1	Jun. 16, 2005	Myllymaki et al.			
	2005/0128139 Al	Jun. 16, 2005	Misikangas et al.			
ŀ	2004/0198373 A1	Oct. 7, 2004	Ford et al.			
	2004/0176108 A1	Sep. 9,	Misikangas	-		
	2004/0111397 A1	Jun. 10, 2004	Chen et al.			
	2004/0072577 A1	Apr. 15, 2004	Myllymaki et al.			
	2003/0135486 A1	Jul. 17, 2003	Edlund et al.	·		
	2003/0130987 A1	Jul. 10, 2003	Edlund et al.			
	2002/0168958 A1	Nov. 14, 2002	Ford et al.			
	2002/0118118 A1		Myllymaki et al.			
	2002/0115445 A1	Aug. 22, 2002	Myllymaki			•
	2002/0102988 A1		Myllymaki			·
	6,704,352		Johnson, Mitchell K.			
	6,754,488	06/2004	Won et al.			
	6,243,811 B1	Jun. 5, 2001	Patel			
	6,728,782 B1		D'Souza et al.			
	6,766,453 B1		Nessett et al.			
	2002/0176366 A1		Ayyagari et al.			
	6,456,892		Dara-Abrams et al.	1-1		
	6,581,000		Hills et al.			
	2002/0174335		Zhang et al.			
V	2003/0117985 A1	Jun. 26, 2003	Fujii et al.			<u> </u>

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
6561/53799	10/802,366
APPLICANT .	
Dietrich, et al.	
FILING DATE	GROUP
3/16/2004	
ART UNIT: 2688	EXAMINER NAME: S. Rampuria

•	•				_
al.FORM - 1449		St	HEET 3	B OF.	. 7
0/// OKIN - 1775	 			, .,	,

NO	2003/0135762		Macaulay ·	
/ —	A1	2003	· · · · · · · · · · · · · · · · · · ·	
ſ	5,394,158 A	02-1995	Chia, Si T.S.	
	5,666,662 A	09-1997	Shibuya, Toshiyuki	
	6,140,964 A	10-2000	Sugiura, et al.	
1 .	6,167,274 A	12-2000	Smith, Adrian Donald	
1	6,236,365 B1	05-2001	LeBlanc, et al:	
_	6,226,400 B1	05-2001	Doll, Joseph	
1	5,396,582 A	03-1995	Kahkoska, James	
	2004/0151377	08-2004	Boose, et al.	
	A1 5,028,848	07-1991	Bankston, et al.	
	2004/0186847	09-2004	Rappaport, et al.	
	A1 2004/0259554	12-2004	Rappaport, et al.	
	A1 2004/0259555 A1	12-2004	Rappaport, et al.	
	2004/0154134 A1	10-2002	Matsui, Nobuaki	
	6,804,394 B1	10-2004	Hsu, Shin-yi	
	6,850,946 B1	02-2005	Rappaport, et al.	
	2004/0236547 A1	11-2004	Rappaport, et al.	
	4,254,467	03-1981	Davis, et al.	
+	6,134,338 A	10-2000	Solberg, et al.	
T	6,317,599 B1	11-2001	Rappaport, et al.	
	<u> </u>		<u> </u>	
	<u> </u>	·	:	
				
	· · · · · · · · · · · · · · · · · · ·			
	-			

(Use several sheets if necessary)

ATTY. DOCKET NO. 6561/53799	SERIAL NO. 10/802,366
APPLICANT Dietrich, et al.	
FILING DATE 3/16/2004	GROUP

EXAMINER NAME: S. Rampuria

al.FORM - 1449	SHEET 4	OF 7.
UNI (1440	 _ • , ,	J. , .

ART UNIT: 2688

		FC	DREIGN PATENT DOCUMENTS			
	DOCUMENT NUMBER	PUBLI-CATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANS- LATION YES N
19	EP 0 930 514 A2	Jul. 21, 1999	EPO	G01S	5/14	
1	EP 0 967 816 A1	Dec. 29, 1999	EPO	H04Q	7/34	
	EP 1 018 457 Al	Jul. 12, 2000	EPO .	B60R	25/10	
	EP 1 296 531 A1	Mar. 26, 2003	EPO	H04Q	7/38	
1	WO 02/43425 A1	May 30, 2002	PCT	H04Q	7/38	
	EP 1 301 055 A1	Apr. 09, 2003	EPO	H04Q	7/38	
	JP 02044929	Feb. 14, 1990	Japan	H04B	7/26	
	WO 02/054813 A1	Jul. 11, 2002	PCT	H04Q	7/38	
	WO 03/023443 A2	Mar. 20, 2003	PCT	G01S	5/00	
	WO 97/33386	Sept. 12, 1997	PCT	H04Q7	20	
	WO 98/41048	Sept. 17, 1998	PCT	H04Q	7/34	
	WO 99/08909	Feb. 25, 1999	PCT	B60R	25/10	
	OTHER DISCLOS	URES (Includin	g Author, Title, Date, Pertinent Pages, Place	of Publication, El	c.)	
10	Ekahau, Inc., S Company's URL:	Saratoga, www.ekaha oning Engi		_	_	
	URL: http://www "Ekahau Position Saratoga, CA.	w.ekahau.c oning Engi	com/products/positioningencine 2.0: Data Sheet." April	04, 2003.	Ekahau,	Inc.,
	Saratoga, CA.	_	302.11b Networks." April 04			• ,

(Use several sheets if necessary)

ATTY. DOCKET NO. 6561/53799	SERIAL NO. 10/802,366
APPLICANT Dietrich, et al.	
FILING DATE 3/16/2004	GROUP .
ART UNIT: 2688	EXAMINER NAME: S. Rampuria

al.FORM - 14	19	SHEET	5	OF	7.	

			Sheet 5 or 1.
			"LANFielder." April 22, 2003. Wireless Valley, Austin, TX.
1 1	Ω	CN	URL: http://www.wirelessvalley.com/Products/LANFielder/LANFielder.asp
1/	P		
	ĺ .		"Optimatic." April 22, 2003. Wireless Valley, Austin, TX.
Y I	1		URL: http://www.wirelessvalley.com/Products/Optimatic/Optimatic.asp
			"Predictor." April 22, 2003. Wireless Valley, Austin, TX.
1 1		1	URL: http://www.wirelessvalley.com/Products/Predictor/Predictor.asp
			"LANFielder Product Literature." February 10, 2004. Wireless Valley, Austin,
			TX. URL: http://www.wirelessvalley.com/Assets/brochures/LanFielder.pdf
			Conley, C "Securing WLANS with Location-Enabled Networks."
1 1		!	Wireless Security Perspectives, Vol.5, No.3, March, 2003.
		<u> </u>	Organization's URL: www.cnp-wireless.com/wsp.html
			"Company Information." April 6, 2004. Corsair Communications: A LightBridge
† 1			Company, Burlington, MA.
			Company's URL: www.lightbridge.com
			"Corporate Fact Sheet " Aruba Wireless Networks San Toso Ch Fohrward IO
\coprod			2004. UKL: http://www.arubanetworks.com/pdf/corporate fact sheet pdf -
			"Alrwave Roque Access Point Detection." 2002. Airwave Wireless. Inc.
			San Mateo, CA.
			URL: http://airwave.com/features.html
1 1			Geier, J. "Identifying Rogue Access Points." January 6, 2003. Wi-Fi Planet
1 1			Tutorials.
			URL: http://www.wi-fiplanet.com/tutorials/article.php/1564431
1 1	•		Brewin, B. "IBM Develops Tool to Detect Rogue Wireless LAN Access Points."
1 1			June 17, 2002. Computerworld, Framingham, MA.
1 1			URL:
			http://www.computerworld.com/mobiletopics/mobile/story/0,10801,72065,00.html
			Bulusu, N., Heidemann, J., Estrin, D. "GPS-less Low Cost Outdoor Localization
1 1			for Very Small Devices." IEEE Personal Communications, October 2000.
1 1			URL: http://lecs.cs.ucla.edu/~bulusu/papers/Bulusu00a.pdf
\vdash			Who we Court Will No Year to Court Will State Will Stat
1 1	1		"AeroScout WLAN Location System." Downloaded on November 10, 2003 from http://www.bluesoft-inc.com/wlan.asp
	.		Bluesoft, Inc., San Mateo, CA.
			<u> </u>
1			"Cognio Announces Breakthrough Location Technology for WLAN Deployments."
1 1	I		Downloaded on November 10, 2003 from http://www.cognio.com/press
1. 1	- 1	•	detail.asp?itemID=70
1			Cognio, Inc., Waltham, MA.
			"WhereNet Main Page." Downloaded November 10, 2003 from
			http://www.wherenet.com/
	.		WhereNet, Santa Clara, CA.
\vdash			Small I Smailagie II and Significantly D. B. What
	.		Small, J., Smailagic, A., and Siewiorek, D.P. "Determining User Location For Context Aware Computing Through the Use of a Wireless LAN Infrastructure." Institute for Complex Engineered Systems. Carnegie-Mellon University,
			Institute for Complex Engineered Systems. Carnegie-Mellon University
			KILLSDUIGH, FA, ZUUU.
	ļ		Available at http://www-2.cs.cmu.edu/~aura/docdir/small00.pdf.
	ľ	•	Kishan, A., Michael, M., Rihan, S., and R. Biswas. "Halibut: An
	- 1		Infrastructure for Wireless LAN Location-Based Services." Technical paper for
			Course CS444n, Computer Science Department, Stanford University, Stanford CA.
			June 2001. Previously available at
			http://fern2.stanford.edu/cs444n/paper.pdf.
 			
1 1	,		Bahl, P. and Padmanabhan, V.N. "RADAR: An In-Building RF-based User Location
\\	'		and Tracking System." IEEE Infocom 2000, vol. 2, Mar. 2000, pp. 775-784.
		لبـــــا	, 1121 221, 22

	ATTY, DOCKET NO. 6561/53799	SERIAL NO. 10/802,366	
INFORMATION DISCLOSURE STATEMENT	APPLICANT Dietrich, et al.		
(Use several sheets if necessary)	FILING DATE 3/16/2004	GROUP	
	ART UNIT: 2688	EXAMINER NAME: S. Rampuria	

al.FORM - 1449 _______ SHEET 6 OF 7.

	· · ·
M	"Positioning in Wireless Networks Reference." Downloaded on July 28, 2005 from http://binary.engin.brown.edu/. BINARY Group, Division of Engineering, Brown University, Providence, RI. Available online at http://binary.engin.brown.edu/publication/Positioning_Ref.pdf
	Chirumamilla, Mohan K. and Ramamurthy, Byrav. "Agent Based Intrusion Detection and Response System for Wireless LANs." IEEE Int'l Conference on Communications, 2003, Vol. 1, pp. 492-496.
	"IBM Research Demonstrates Industry's First Auditing Tool for Wireless Network Security." July 12, 2001, Hawthorne, N.Y. IBM RESEARCH NEWS, 'Online. URL: http://domino.research.ibm.com/comm/pr.nsf/pages/news.20010712 wireless.html
	"IBM Researchers Demonstrate Industry's First Self-Diagnostic Wireless Security Monitoring Tool." June 21, 2002, Hawthorne, N.Y. IBM NIEUWS, 'Online! URL: http://domino.research.ibm.com/comm/pr.nsf/pages/news.20020617 dwsa.html
	"Assessing Wireless Security with AiroPeek and AiroPeek NX." A WildPackets Academy Tutorial from www.wildpackets.com, WildPackets Inc., Walnut Creek, CA. January 16, 2003.
	URL: http://www.wildpackets.com/elements/whitepapers/AiroPeek_Security.pdf
	"AiroPeek and Wireless Security: Identifying and Locating Rogue Access Points." A WildPackets Academy Tutorial from www.wildpackets.com, WildPackets Inc., Walnut Creek, CA. January 16, 2003.
	URL: http://www.wildpackets.com/elements/whitepapers/RogueAccessPoints.pdf
	Craiger, J. P. "802.11, 802.1x, and Wireless Security." June 23, 2002. From the SANS' Information Security Reading Room on www.sans.org, The SANS Institute, Bethesda, MD.
1 1	URL: http://www.sans.org/rr/papers/68/171.pdf
	Baily, S. "Is IEEE 802.1% Ready for General Deployment?" April 7, 2002. From the SANS' Information Security Reading Room on www.sans.org, The SANS Institute, Bethesda, MD.
	URL: http://www.sans.org/rr/papers/9/709.pdf
	"Location Determination Papers", List of publications maintained by Moustafa A. Youssef, Department of Computer Science, University of Maryland, College Park, MD 20742. Available online, and downloaded February 9, 2006 at http://www.cs.umd.edu/~moustafa/location papers.htm
	"Positioning in Wireless Networks Reference" BINARY Group, Division of Engineering, Brown University, Providence, RI 02912, Available online, and downloaded February 9, 2006 as binary.engin.brown.edu/publication/Positioning Ref.pdf
	L.M. Ni, Y. Liu, Y.C. Lau and A.P. Patil. "LANDMARC: Indoor Location Sensing Using Active RFID." Proceedings of the First IEEE International Conference of Pervasive Computing and Communications 2003 (PerCom '03).
	G. Wolfle, R. Wahl, P. Wertz, P. Wildbolz and F. Landstorfer. "Dominant Path Prediction Model for Indoor Scenarios." German Microwave Conference (GeMIC) 2005, Ulm (Germany), April 2005 Paper.
V	P. Wertz, G. Wolfle, R. Hoppe, D. Zimmermann and F.M. Landstorfer. "Enhanced Localization Technique within Urban and Indoor Environments based on Accurate and Fast Propagation Models." European Wireless, 2002, Florence, Italy.

(Use several sheets if necessary)

ATTY. DOCKET NO. 6561/53799	SERIAL NO. 10/802,366
APPLICANT Dietrich, et al.	
FILING DATE 3/16/2004	GROUP
ART UNIT: 2688	EXAMINER NAME: S. Rampuria

FORM - 1449		SHEET 7 OF 7.
M	STEVEN FORTUNE, "Algorithms for prediction of in sjf@research.att.com, January 7, 1998, Bell Labo Jersey 07974,	ndoor radio propagation", oratories, Murray Hill, New
	A. RAJKUMAR, B.F. NAYLOR, F. FEISULLIN AND L. RO in Large Environments using Ray-Beam Tracing and Represented Geometry", submitted to the ACM Jour after revision on October 12, 1995, AT&T Bell La 07974.	d Partitioning Tree rnal of Wireless Networks
	REINALDO A. VALENZUELA, STEVEN FORTUNE, and JONA Propagation Prediction Accuracy and Speed Versus Image-Based 3-D Ray-Tracing", 1998, Bell Laborat Holmdel, NJ 07733	s Number of Reflections in
	Office Action from U.S. Patent Application No. 10/848,276, the application which was filed on May 18, 2004, entitled "Wireless Node Location Mechanism Featuring Definition of Search Region to Optimize Location Computation"	
EXAMINER	DATE CONSIDERED	3-29-06
	if citation considered, whether ownot citation is in conformance with MPEP 609. Draw line throughout considered. Include a copy of this form with next communication to Applicant.	gh citation if not in conformance